

Patent Abstracts of Japan

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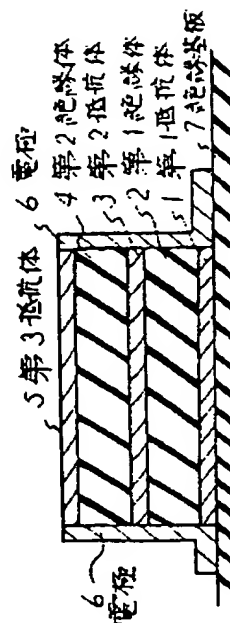
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TITLE : THICK-FILM MULTILAYER RESISTOR



ABSTRACT : PURPOSE: To make an insulating substrate small-sized by a method wherein a first resistor, a first insulator, a second resistor, a second insulator and a third resistor are laminated on the substrate in the order listed and a thick-film resistor is formed after electrodes have been connected to both ends of the individual resistors.

CONSTITUTION: A first resistor 1, a first insulator 2, a second resistor 3, a second insulator 4 and a third resistor 5 are laminated on an insulating substrate 7 in the order shown, this resistor is constituted after electrodes 6 have been connected to both ends of the first resistor 1, the second resistor 3 and the third resistor 5. By this setup, an area where the first resistor 1 comes into contact with the insulating substrate 7 is reduced as compared with a conventional system, and the insulating substrate 7 can be made small on the whole. In addition, a cross-sectional area of a composite of the first, the second and the third resistors is increased as compared with the conventional system; their composite value is reduced and permissible electric-power value can be increased.

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